

# Core Component Maintenance

Samvera Connect 2018

# Charter

... [T]he ongoing maintenance of identified core components in the community, via planned sprints and communication with product owners. Working group members will plan and participate in these sprints, as well as communicate that planning and welcome contributions from the larger community. The core components supported for this phase are identified within the following: [http://samvera.github.io/core\\_components.html](http://samvera.github.io/core_components.html). It should further be noted that our efforts shall be coordinated with the appropriate Samvera governance bodies.

Timeframe: Spring 2018 Samvera Partners (LDCX) to Fall 2018 Samvera Partners (Connect)

# Deliverables

1. Deprecate relevant projects in the samvera GitHub organization to samvera-deprecated
2. Ensure the projects in the Samvera GitHub organization meet the standards to be there as defined at [http://samvera.github.io/samvera\\_labs.html](http://samvera.github.io/samvera_labs.html)
3. Promote relevant projects from samvera-labs to the Samvera github organization if they meet the requirements (or make them meet the requirements if they should)
4. Respond to any security alerts
5. Review successes and failures of the group and re-charter if appropriate.

# Community Standards - Code

[http://samvera.github.io/samvera\\_labs.html](http://samvera.github.io/samvera_labs.html)

1. Code must be released at version  $\geq 1.0$
2. Good unit test coverage measured by community (e.g. 100% or 75% of what's important)
3. Uses and reports CI (Travis-CI, etc)
4. Uses and reports test coverage (coveralls or simplecov)
5. Show compatibility with current Rails versions and other dependencies, when was it last tested; note compatibility with prior versions when available. Compatibility can be specified in the gemspec(s) or verified via CI matrix.
6. [Hierarchy of promises](#) asserted in clearly defined acceptance tests

# Community Standards - Documentation

[http://samvera.github.io/samvera\\_labs.html](http://samvera.github.io/samvera_labs.html)

1. LICENSE file, Apache 2 (or compatible)
2. README.md
3. Statement of purpose
4. Basic install steps
5. Identify any volatile/experimental features
6. How to contribute -> CONTRIBUTING.md
7. How/Who to contact for help -> push out to all gems like CONTRIBUTING.md
8. Known issues documented in github Issues tickets (not just listed in text)
9. Tutorial / Walkthrough / Example usage
10. Resolve TODO items in documents and remove them
11. All Contributors should have signed Hydra Contributor License Agreement (CLA)

# Community Standards - Participation

[http://samvera.github.io/samvera\\_labs.html](http://samvera.github.io/samvera_labs.html)

1. Community use by three or more partner institutions
2. Active use for six months
3. Product owner shepherding an ongoing maintenance plan

# Surveying Previously Identified Core Components

## 21 [Candidate core components](#)

8 Candidates for deprecation

3 Candidates for promotion from Labs (bixby, valkyrie and iiif\_manifest)

# Surveying Previously Identified Core Components

Fall run of the [Core Component Report](#) - 1.0 Releases and Candidates (cf [Spring](#) report)

Bixby (Labs, 1.0 released in February 2018): 1/10 → 15/24

Hydra-PCDM (1.0 Sept 20 2018): 0/80 → 3/87

Hydra-Works (1.0 Sept 10 2018): 0/80 → 7/87

Hydra-FileCharacterization (1.0 August 28 2018): 0/31 → 0/56

LDP (1.0 March 14 2018): 0/31 → 0/57



# Surveying Previously Identified Core Components

Fall Run of the [Core Component Report](#) - Deprecations and Candidates in 2018 (cf [Spring](#) report)

CurationConcerns: 5 → 8 (2016 apps updated)

Sufia: 3 → 6 (2016 apps updated)

Hydra: 0 → 2

Om: 50 → 84

Solrizer: 53 → 90

JettyWrapper: 16 → 28

# Sprints Scheduled and Participation

Planning & Organization: 6/11/18-8/6/18

- Scope
- Ticketing and Organization (Waffle, tags, etc)
- Documentation Standard Templates
- Communication & Outreach (product owners, community)

Sprint 1: 8/13/18-8/20/18

Planning & Organization: 8/27/18-9/10/18

Sprint 2: 9/17/18-09/24/18

# Component Quality Deliverables

[http://samvera.github.io/core\\_components.html](http://samvera.github.io/core_components.html)

1.0 Releases: hydra-pcdm, ldp, hydra-works, hydra-file\_characterization

Deprecation: curation\_concerns, jettywrapper, hydra-jetty

Conformant Documentation Templates & Application of Same

Product owners identified - but there has been turnover

# Sprint Retrospective Observations

- 7 participants from 4 partners
- Collectively ~2.5 FTE average during sprints, 0.25 FTE planning/admin
- Consensus around rechartering
- Scope of commitment (time and personnel) and breadth of responsibility (consistency on 20+ projects) determined proposed work
- Prioritized bringing identified core components up to standards
- Paradox of achievable goals & commitment
- Obscure components (eg hydra-head/active\_fedora 12/access control; blacklight)

# Scope of Core Components at Charter Completion

17 gems

- LDP needs a product owner
- browse\_everything not at 1.0 (yet)
- blacklight dependency impacts release standards

4 deprecation candidates

- sufia, solrizer, om, hydra

3 candidates for promotion

- bixby
- valkyrie: must be promoted if Hyrax work goes forward
- iiif\_manifest: needs a product owner

2 solution bundles that are not in scope of charter

# Observations on Community Standards

License issues

## **Public API identification issues**

Code of Conduct - linking vs inlining, and community metrics

Ongoing work to reach consensus on coverage sufficiency

Continued connotative problem of deprecation

# Thanks to Participating Partners

Participation determines scope of minimum standards and work supporting core components!

Many thanks to DCE, Michigan, Columbia, and especially Princeton for their contributions this year - and particularly to Trey Pendragon for chairing the working group.

# Questions & Discussion

See also WG [Charter and notes](#)